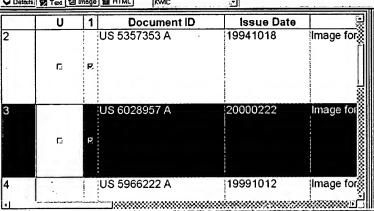
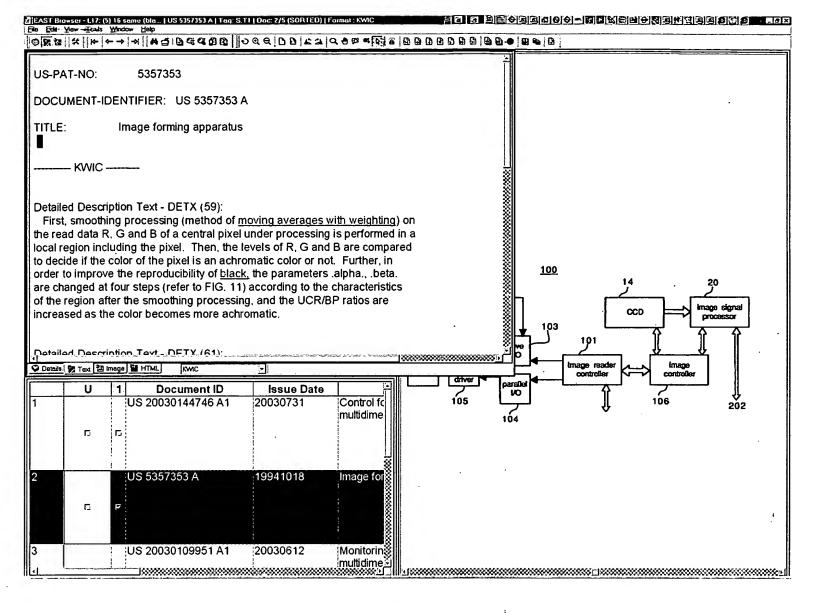
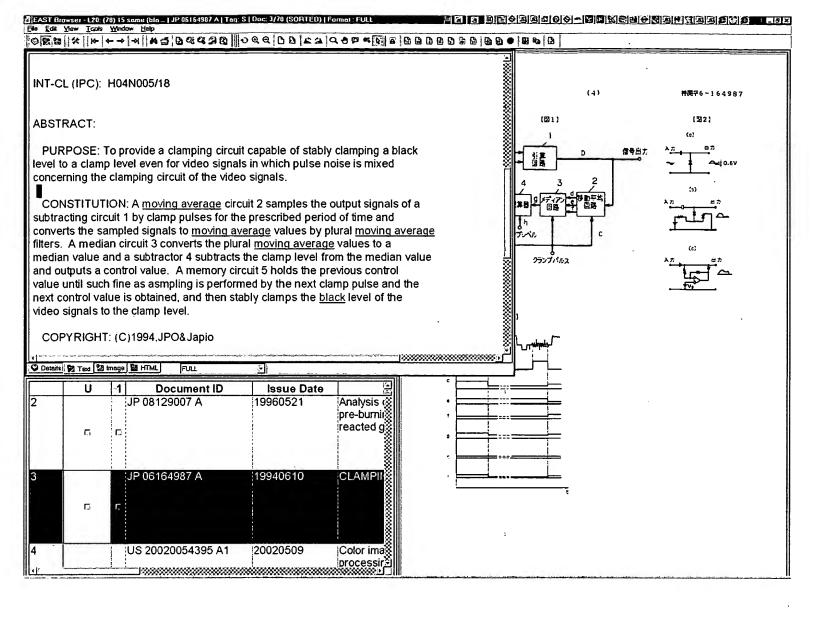
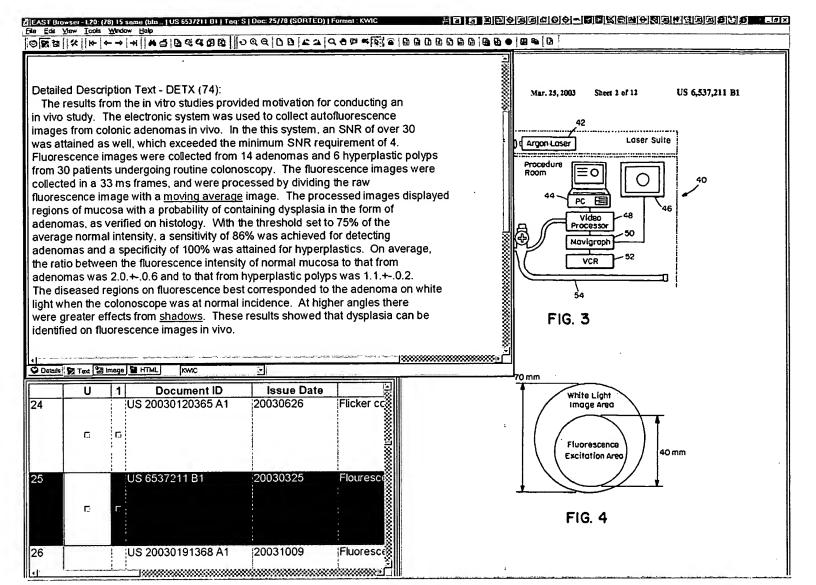
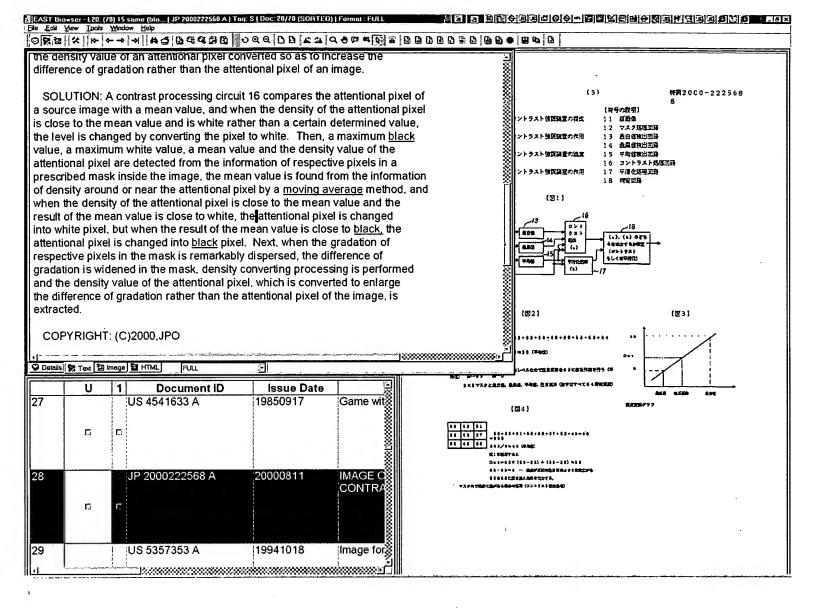
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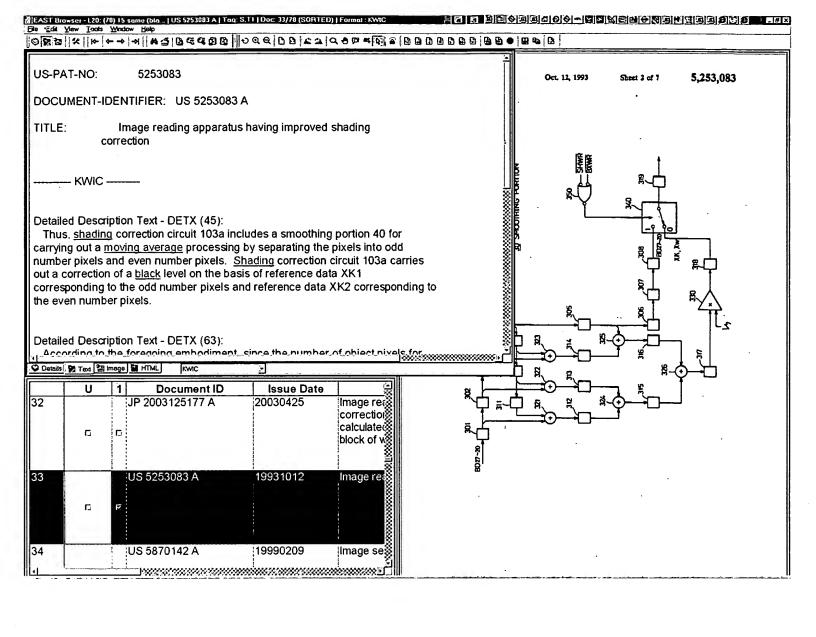


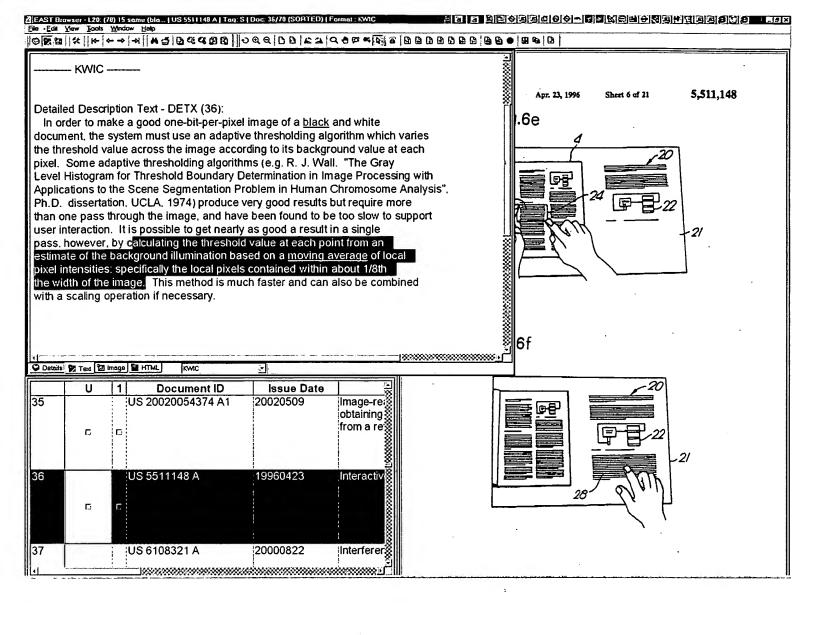


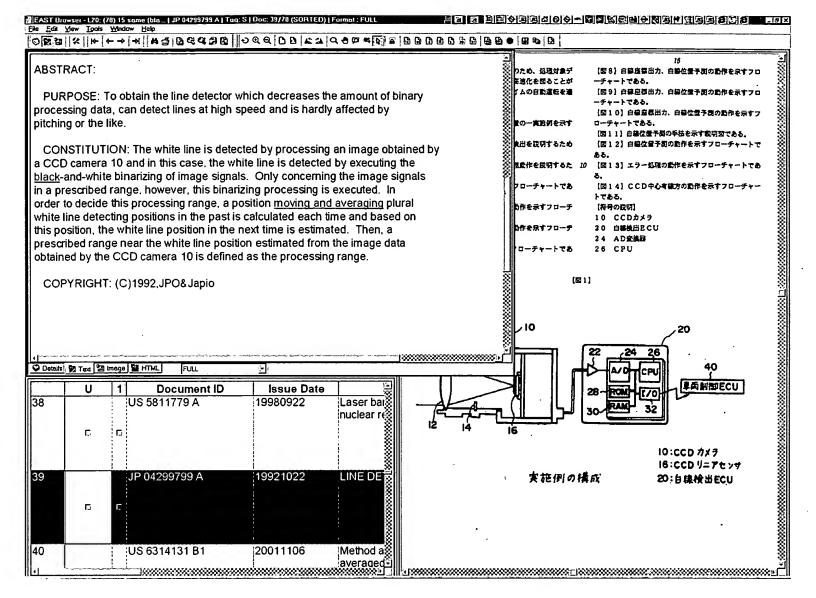


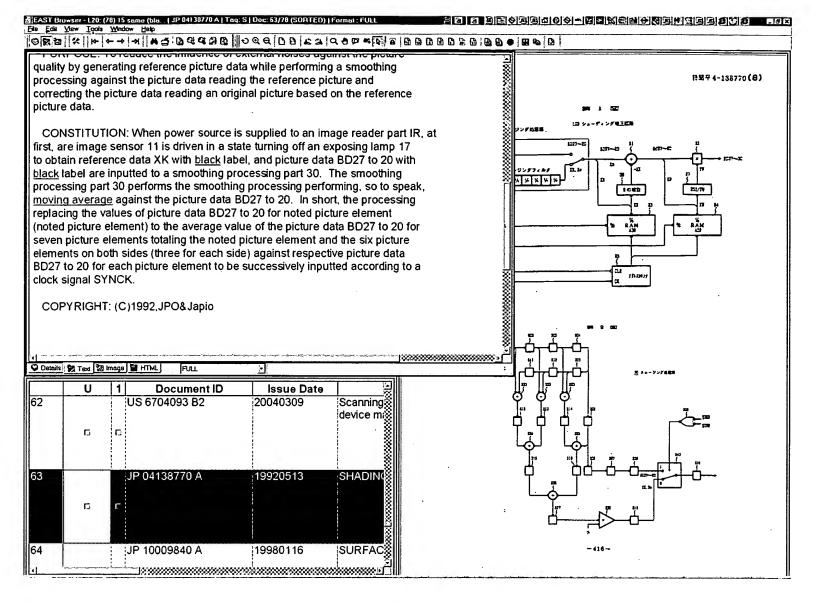


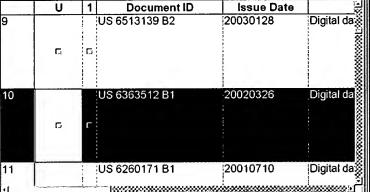






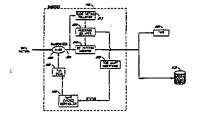








3 Claims, 13 Drawing Sheets



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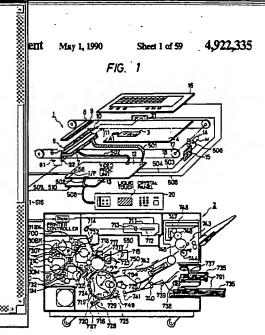
raconca non ocnoravity, acpenaing apon wheater the r film is more than 100 to less than 400 or 400 or more, and depresses a shading start button to cause the projector lamp to light on at a reference light-on voltage V.sub.1. The cyan filter 223 serves to cut the color component of the orange base of a color negative film and adjust the color balance of a color sensor having R. G and B filters. Also, since shading data is obtained from the unexposed portion, a wide dynamic range can be obtained even in the case of color negative films. In the case of films other than color negative films, the operator sets a film carrier 215' having no filter or an ND filter for cutting infrared and ultraviolet rays into the projector and depresses a shading start key on the liquid crystal touch panel to cause the projector lamp 214 to light on at a reference light-on voltage V.sub.2. In practice, after the operator performs selection of negative film or positive film, switchover between the reference light-on voltages V.sub.1 and V.sub.2 may be automatically performed. Subsequently, the scanning unit moves to a central portion of an image projected area, and supplies to a RAM 78' shading data constituted by an averaged value of R, G and B equivalent to one or more lines

Current US Cross Reference Classification - CCXR (1): 358/461

of CCDs to put off the projector lamp.

O Details Text I Image HTML

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7	c	ם	US 6330345 B1	20011211	Automatic
8	Б	-	US 4922335 A	19900501	Color film
9			US 5845017 A	19981201	Digital im:



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